

~~CONFIDENTIAL~~

MEMORANDUM TO THE FILE

25X1A9a

FROM :

SUBJECT: Report on TDY Trip to [REDACTED]  
Mamaroneck, New York

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1. A visit was made to the [REDACTED] on  
10 April 1959 by [REDACTED] to discuss the following:

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- a) The possibility of adapting the [REDACTED] RF patch panel to receive RG-17/U and 7/8 inch Spir-o-line type cable, and at the same time avoid the use of the more expensive quick disconnect type connector at the rear of the patch panel.
- b) Inquire as to whether [REDACTED] had worked the passive matching transformer of the VRA-2 into an antenna other than an 18 ft. vertical.
- c) Changes in the ATS-50 antenna tuning system.

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2. Company officials contacted were:

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[REDACTED] - Sales Engineer  
[REDACTED] - Executive Vice President

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3. After a lengthy discussion with [REDACTED] it was determined that the standard [REDACTED] quick disconnect feedthrough could be modified to accept an LC screw-on type connector at the rear of the patch panel. The receptacle would be the equivalent of the UG-352/U to which both the RG-17/U and 7/8" Spir-o-line are easily adaptable. [REDACTED] stated that the modification would be quite simple, and that there are no foreseeable problems.

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4. [REDACTED] stated that [REDACTED] had not used the VRA-2 in conjunction with anything other than an 18 ft. vertical, however, [REDACTED] stated that the Navy had worked the VRA-2 into an unknown type antenna that was not a vertical.

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5. Changes that have been made in the ATS-50 are as follows:

- a) A protective circuit which can be pre-set has been added, so that if any given VSWR is exceeded the contacts on a relay, which if coupled into the interlock circuit, will close, automatically turning off the transmitter.

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- b) The variable end of the output tuning coil has been shortened to prevent flashover.

[REDACTED] 25X1A92

Distribution:

Original - Project File  
1 - Memo to the File Folder  
2 - Monthly Report ✓  
1 - SDS Chrono  
1 - Extra

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